



OFFICE OF THE SECRETARY OF TRANSPORTATION  
WASHINGTON, D.C. 20590

RECEIVED

JUL 21 1975

MONSANTO  
NUCLEAR PRODUCTS

IAEA CERTIFICATE OF COMPETENT AUTHORITY

Special Form Radioactive Material Encapsulation

Certificate Number USA/0049/S

This certifies that the encapsulated sources, as described, when loaded with the authorized radioactive contents, have been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in IAEA<sup>1</sup> and USA<sup>2</sup> regulations for the transport of radioactive materials.

I. Source Description - The sources described by this certificate are identified as MRC Model No. 2700 series gamma sources which are doubly encapsulated in stainless steel measuring 3/4" in length by diameters ranging from 7/16" to 1 1/4".

II. Radioactive Contents - The authorized radioactive contents of these sources consist of Americium-241 as oxide mixed with aluminum powder with maximum contents as follows:

<u>Model No.</u>	<u>Maximum <sup>241</sup>Am Content</u>
2701	0.15 curie
2702	0.24
2703	0.63
2704	1.43
2705	1.95
2706	2.59

III. This certificate, unless renewed, expires July 31, 1978.

This certificate is issued in accordance with Marginal C-6.1 of the IAEA regulations, and in response to the July 8, 1975 petition by the Monsanto Research Corporation, and in consideration of the associated information therein.

Certified by:

*A. W. Grella*

A. W. Grella  
Chief, Technology Division  
Office of Hazardous Materials Operations  
Materials Transportation Bureau  
U.S. Department of Transportation

*July 18, 1975*  
(DATE)